

ABSTRACT

A method for logging a wellbore includes actuating a positioning device to adjust the position of a module relative to a reference point or object such as a wellbore axis or proximally positioned downhole device. With respect to a wellbore, an exemplary positioning device can set the measurement tool such as an acoustic device to successive radial positions (e.g., substantial concentricity or substantial eccentricity relative to an axis of the wellbore). In one embodiment, the module includes a measurement tool to measure different parameters of interest (e.g., acoustic logging data, check-shot data measurement, bonding of cement to casing). With respect to an adjacent downhole device, the positioning device can provide a selected relative orientation (e.g., azimuth, inclination, radial displacement) between the module and the adjacent downhole device. The positioning device can also be adapted to apply a jarring force to a wall of the wellbore to free a downhole device.